

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/651,563DATE: 09/14/2000  
TIME: 12:31:52Input Set : A:\478c10.app  
Output Set: N:\CRF3\09142000\I651563.raw

ENTERED

3 <110> APPLICANT: Wang, Tongtong  
4 Bangur, Chaitanya S.  
5 Lodes, Michael A.  
6 Fanger, Gary  
7 Vedvick, Tom  
8 Carter, Darrick  
9 Retter, Marc  
10 Mannion, Jane  
11 Fan, Liqun

W--> 12 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND  
W--> 13 DIAGNOSIS OF LUNG CANCER  
15 <130> FILE REFERENCE: 210121.478C10  
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/651,563  
18 <141> CURRENT FILING DATE: 2000-08-29  
20 <160> NUMBER OF SEQ ID NOS: 1679  
22 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 527  
26 <212> TYPE: DNA  
27 <213> ORGANISM: Homo sapien  
29 <400> SEQUENCE: 1

30 ccaccagtcc acaaattgtga ctggttaagg atctagtaac agaggatgga gttgggcaga	60
31 atattatcct ggatgatatg caccagcac tagaatacac ctttcattag aatgaagaga	120
32 acagacaaag ccctcagaaa agatacaaaag gcagagacat tgattagaac attatctcat	180
33 aacagagggtg gggccattac ccaccattat tgtaaaataa ctgtaactaa ccaaaacaca	240
34 tacaggcttc tttaatggag ttaataaaac tatggcacat tgggaatcag gggcagaggt	300
35 actgttccca gacggaaaac tgggataaag ggagccatgc tgacagggcc ttattccagt	360
36 ctagggtgtt agaaaaggagc cctagcccag aaatgacagc aaatagccat aatcattatg	420
37 tggggctgaa ccagaggaag ccaggctgag ccaagaagct ggaagtatct tgaacggctc	480
38 tccaaatcca aagattatcc atactcttta tccctccagc gatgtgt	527

40 <210> SEQ ID NO: 2  
41 <211> LENGTH: 490  
42 <212> TYPE: DNA  
43 <213> ORGANISM: Homo sapien  
45 <400> SEQUENCE: 2

46 ccaagagttc tccactgtga agactgaaag gacctggtga catttcggca tcagtcctgt	60
47 taccacttgg aggtaacaga agcaggctcg tgtcctcctt taattctacc acactacatg	120
48 actcgcaatt ggttctgaaa ttagaactgt caccatcgta cttaaaatct taggggcatg	180
49 aagagtcagc tagaacaagg aaaaagaaag tcgcaggtag taggtaagta ggtgggcaca	240
50 tgaaaagcca agctgctctg tccaacacca gtgtacatgt gctttaacta aatgaactoc	300
51 agaggccaac agcagcagac ctgctcaatt caccttccaa atcagaacaa gacccaaaag	360
52 ctcaggcttg agttgtcaac tatgcatagg ttccgccagt gctgaggggt gtgaggctct	420
53 agttgtgaag aagctacaag aaatcatgat gcatgtgatc tgggccgcac tggcatttgc	480
54 agctattcag	490

56 <210> SEQ ID NO: 3  
57 <211> LENGTH: 464  
58 <212> TYPE: DNA

RECEIVED  
SEP 20 2000  
OIPE/JCWS

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/651,563

DATE: 09/14/2000  
 TIME: 12:31:52

Input Set : A:\478c10.app  
 Output Set : N:\CRF3\09142000\I651563.raw

```

59 <213> ORGANISM: Homo sapien
61 <400> SEQUENCE: 3
62 ggagctgtgg gctcagtcgt ggggcagatt gcaaagctca agggctgcaa agttgttga 60
63 gcagtagggg ctgatgaaaa ggttgccctac cttcaaaagc ttggatttga tgctgtcttt 120
64 aactacaaga cggtagagtc tttggaagaa accttgaaga aagcgtctcc tgatggttat 180
65 gattgttatt ttgataatgt aggtggagag ttttcaaaca ctgttatcgg ccagatgaag 240
66 aaatttggaa ggattgccat atgtggagcc atctctacat ataacagaac cggcccactt 300
67 cccccaggcc caccoccaga gattgttatc tatcaggagc ttcgcatgga agcttttgc 360
68 gtctaccgct ggcaaggaga tgcccgcaca aaagctctga aggacttgct gaaatgggtc 420
69 ttagagttta aatttcagct tccctacttt gtaattgact gact 464
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 510
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapien
76 <400> SEQUENCE: 4
77 ccttatcaca ctgtaagtgg tccaagccca tagggatgct ctttttggtt cctggaattt 60
78 ccagttggat gtgacagaga tctttcagta taggtctaag tcaagagtag cctctgggtt 120
79 gaggtgggct gggagattaa catcttacct ggggtccttc agataaacct gttggttttt 180
80 cctgtctcat acaggcccat ctttaagttt gatgttgaat taaaactact tctacccctt 240
81 tagttataaa aaaggccaca aggagcattt atgtggatat ctgggaagtga gatagtatt 300
82 ccattcccag gaaaagaaaa ataaagctaa gttacaaaac taatctata tgcaataaag 360
83 ttattatata ctgctttggt taagcagagt cctctggaat ttatgtacag tacattagtt 420
84 ttcagctatt tatattccac aagttagacc ttaagattct ctggttttaa gacaattggt 480
85 aaagatactt ctaaagctct gagcagttca 510
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 452
89 <212> TYPE: DNA
90 <213> ORGANISM: Homo sapien
92 <400> SEQUENCE: 5
93 acagcgctc acgcacctga gccccgagga gaaggcgctg aggaggaaac tgaaaaacag 60
94 agtagcagct cagactgcca gagatcgaaa gaaggctcga atgagtgagc tggacacagca 120
95 agtggtagat ttagaagaag agaaccaaaa acttttgcta gaaaatcagc ttttacgaga 180
96 gaaaactcat ggcctttagt ttgagaacca ggagttaaga cagcgcttgg ggatggatgc 240
97 cctggttgct gaagaggagg cggaagccaa ggtaaatcat ctcccttatt tggtgccctca 300
98 tgtgagtact ggttccaagt gacatgaccc agcgattatg tttacagtct ggacttctga 360
99 tcaagagcgt tcttgaaatt ttccttcagt tttaagacat tttcatgcag gcagagtgtt 420
100 ctteccctaa aggcaactga cactcatttt tt 452
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 336
104 <212> TYPE: DNA
105 <213> ORGANISM: Homo sapien
107 <400> SEQUENCE: 6
108 tatagagtgc tgacatctga cattgagaaa ttcatgccta ttgtttatac tcccactgtg 60
109 ggtctggcct gccacaata tagtttgggt tttcggaagc caagaggctc ctttattact 120
110 atccacgata gagggcatat tgcttcagtt ctcaatgcat ggccagaaga tgcatcaag 180
111 gccattgtgg tgactgatgg agagcgtatt cttggcttgg gagaccttgg ctgtaatgga 240
112 atgggcatcc ctgtgggtta attggctcta tatacagctt gcggagggat gaatcctcaa 300
113 gaatgtctgc ctgtcattct ggatgtggga accgaa 336
115 <210> SEQ ID NO: 7

```

## RAW SEQUENCE LISTING

DATE: 09/14/2000

PATENT APPLICATION: US/09/651,563

TIME: 12:31:52

Input Set : A:\478c10.app

Output Set: N:\CRF3\09142000\I651563.raw

```

116 <211> LENGTH: 376
117 <212> TYPE: DNA
118 <213> ORGANISM: Homo sapien
120 <400> SEQUENCE: 7
121 ctgtgggaaa cctcattgtt ctgtacaaag tactagctaa accagaaaagg tgattccagg      60
122 aggagttagc caaacaacaa caaaaaacaa aaatgtgctg ttcaagtttt cagctttaag      120
123 atatctttgg ataattgtat ttctattttt tatttttttt cattagaagt taccaaatta      180
124 agatggtaag acctctgaga ccaaaatttt gtcccatctc taccocctca caactgctta      240
125 cagaatggat catgtccccc ttatgttgag gtgaccactt aattgctttc ctgcctcctt      300
126 gaaagaaaga aagaaagaag actgtgtttt tgccactgat ttagccatgt gaaactcatc      360
127 tcattaccct ttctgt
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 406
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapien
134 <400> SEQUENCE: 8
135 ggtagggagc aattctatta ttggcattg catggctggg ttgaattaaa acagggagtg      60
136 agaacagggt agtctagaag tccaaactctg aaaaggacca ctgtacattt gaacacacgg      120
137 ctgtgttaaa gatctgcta atgtcagtcac ctgggtgcac taaaggatct cttattttat      180
138 gtaaaacggt gggattgaca agatagatct gatactctgt taagttaacc tctgaagcta      240
139 cttctgtgta aataactaatg acagcatcat cctgccaaagc gaaagaggca ggcataagca      300
140 aggacaaatt aaaagggggg aagagcctta tcatgatgag gagtcttgtt ttgacatctt      360
141 gggaaaagct gtccatagtg tgaagtcgtc aatttctcac catggt
143 <210> SEQ ID NO: 9
144 <211> LENGTH: 330
145 <212> TYPE: DNA
146 <213> ORGANISM: Homo sapien
148 <400> SEQUENCE: 9
149 actactacca agagctgcag agagacattt ctgaaatggt ttgacagatt tataaacaag      60
150 ggggttttct gggcctctcc aatattaagt tcaggccagg atctgtgggt gtacaattga      120
151 ctctggcctt ccgagaaggt accatcaatg tccacgacgt ggagacacag ttcaatcagt      180
152 ataaaaacgga agcagcctct cgatataacc tgacgatctc agacgtcagc gtgagtgatg      240
153 tgccatttcc ttctctgccc cagtctgggg ctgggggtgc aggctggggc atcgcgctgc      300
154 tgggtcgtgt ctgtgttctg gttgcgctgg
156 <210> SEQ ID NO: 10
157 <211> LENGTH: 449
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapien
161 <400> SEQUENCE: 10
162 ctgacggctt tgctgtccca gagccgccta aacgcaagaa aagtcgatgg gacagttaga      60
163 ggggatgtgc taaagcgtga aatcagttgt cottaatttt tagaaagatt ttggtaacta      120
164 ggtgtctcag ggctgggttg gggtcocaaag tgtaaggacc cctgcccctt agtggagagc      180
165 tggagcttgg agacattacc cttcatcag aaggaatttt cggatgtttt cttgggaagc      240
166 tgttttggtc cttggaagca gtgagagctg ggaagcttct ttggctcta ggtgagtgtg      300
167 catgcggtga agttgaggtt atcttgggat aaagggtcct ctagggcaca aaactcactc      360
168 taggtttata ttgtatgtag cttatatttt ttactaaggt gtcaccttat aagcatctat      420
169 aaattgagtt ctttttctta gttgtatgg
171 <210> SEQ ID NO: 11
172 <211> LENGTH: 472

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/651,563

DATE: 09/14/2000  
 TIME: 12:31:52

Input Set : A:\478c10.app  
 Output Set: N:\CRF3\09142000\I651563.raw

```

173 <212> TYPE: DNA
174 <213> ORGANISM: Homo sapien
176 <400> SEQUENCE: 11
177 cctcgatgca tgctgctcta cctctcatca gccacagtc tgacacgagg tcattcttgg 60
178 tctgtggtga ggtatggatg tctgcagtct acacaacagc cctgcagaac gggcctggac 120
179 aacccttggg ggataagaca gccacacatg gctcaggctg ttaggtgtcc actgtcacag 180
180 tccaaagaga aagggtacggc ctccaagggg gcagcttaag ccaacatgta agacttgggc 240
181 acgatgaaag gacgggggtc cagctacgaa tgtttttgtt cttgatgtca agttgccagc 300
182 tactggaagg caggagcagt ttcttctttt tccactctg tgctgggtac ttgggagagg 360
183 cgaaataaat accagactgt ccactcctca gcctaaggtc cttctcaagt cctgcacact 420
184 cagcacttgc tctttaacgt ggcataatgt ccccatctt cccctggtta tg 472
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 371
188 <212> TYPE: DNA
189 <213> ORGANISM: Homo sapien
191 <400> SEQUENCE: 12
192 tttttttttt tttttttttt ttttggarat ttgkacatt ttattcagwa tttctgctgc 60
193 actgccagcc tagggatgca ctgtattccc aagaaatgca actgtcctat tcgcaragcc 120
194 gtccacaggt acctaccccc tggactgcag caactttatt accttaacta gcacaraaca 180
195 gaggttgatt taaactcctt aactcactt ctcaratcaa tgaatgggca aaaaaacmcc 240
196 tcatggctct gggaaggcat gctgaraccc gtttttgcaa gtcttgagga atggaaraat 300
197 atagctgcca ggtatcccaa gtctagggca gggagggkag tatcggcatc actttcactg 360
198 cattctgttg g
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 493
202 <212> TYPE: DNA
203 <213> ORGANISM: Homo sapien
205 <220> FEATURE:
206 <221> NAME/KEY: misc_feature
207 <222> LOCATION: (1)...(493)
208 <223> OTHER INFORMATION: n = A,T,C or G
210 <400> SEQUENCE: 13
211 ccagtccaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagccag 60
212 ctycaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcac 120
213 aggtgccaaa tcccaggaca ggcataaagt gaccatcatt cagcttcaca cactgatatt 180
W--> 214 tcgaatccat ttctgtcnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
215 caacctgtct ctcatatttg taaacatgtg cagaatcaat atggcggaac ccagcttcta 300
216 ttgctaattt tgtgacctcc aaagctttac ttctcggaac cttggttctt ccgagcgctc 360
217 agcaatcccc ccgagcttct ttgagacgtc ctcagggtgc ctttgacgat gcgtcctcca 420
218 ctttcacaca ctctagcatt ccttcactgg ggtcttcatt gcccacatt gggcagccag 480
219 gaatgttggg gtg
221 <210> SEQ ID NO: 14
222 <211> LENGTH: 540
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapien
226 <400> SEQUENCE: 14
227 ccagatgggc cataatatgt caccgagcag gtgaatggca tttgtatgtc agccttgggt 60
228 gtcttgtaact ccagggtgga agtcatgga tagagctgag tcaactgggc catttccttt 120
229 ttaaaattat gaccaccgct cttcaagggt gatgtagcac ttttcattc ctgtaccatg 180

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/651,563

DATE: 09/14/2000  
 TIME: 12:31:52

Input Set : A:\478c10.app  
 Output Set: N:\CRF3\09142000\I651563.raw

```

230 tgatattgcc atctggataa ctgtcttctg aaatgcagtc acccaacttt tttagctgct 240
231 ctgttttcgag aaacagtgct ttgcttaciaa tticagggtt agatggttgc ttgaacacct 300
232 tgactattgt aggtgcctca aacacgttgt cctcagttac tagcatgcac acaaatctct 360
233 ttctcatcact gatccttgca ttactgatag acaaaagtga gttttctgag aggttcaatc 420
234 tgtcttttga ttctggataa tcgtcgtact gcacactttt cttttagag gatctgaagg 480
235 caataaatac tggggagcca tcgggctttt catatttcca tttgccccaa catgagattc 540
237 <210> SEQ ID NO: 15
238 <211> LENGTH: 421
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapien
242 <400> SEQUENCE: 15
243 taccacacct cagcctccca tgtgagcctg tccttatgta tagtgtccaa cctctgattc 60
244 tagcagtcga gtgtcttccc caatcctaata gtccctgat atgtctctag cgacttgacc 120
245 atctcttggt ccttgggact ggggccagcc tcttctctgc ccacttccct ctcatagtc 180
246 agatagcccc aaaggctcta tctttagctc ccagagaact ttttggctct cagtatttcc 240
247 ctcccccttt ccttcttatt ccccacacai ygggggaggga agggagaaca ggggcacctg 300
248 atcatcaatc tccccctgcc ctctcttgaa gccccctaga tttggatgaa gagcaggcca 360
249 gtgagcaggg caaagcctgc taggagcaga atgacctga ggatccttg ctccagaactg 420
250 g 421
252 <210> SEQ ID NO: 16
253 <211> LENGTH: 236
254 <212> TYPE: DNA
255 <213> ORGANISM: Homo sapien
257 <400> SEQUENCE: 16
258 gccgtgtgtg cttttccag tgccgaggta cctatcgtc acggccagga gcttgcgtg 60
259 gctgacagca aagagctgct ctctgtgggc ctgcttcac tcatccgaga ggcctgacaa 120
260 gaagtgtgct attccttgt ctgaaggagc gacaggagca tctacggtt agaagacaga 180
261 aagtttggtt tcgtcgatgt cttgctgtgt gaattttcca gacttagccc agtcga 236
263 <210> SEQ ID NO: 17
264 <211> LENGTH: 424
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapien
268 <400> SEQUENCE: 17
269 ccagaaaggt gacagtgggt ttccagggcc tcctgggect ccaggtccac ctggtgaagt 60
270 cattcagcct ttaccaatct tgtcctccaa aaaaacgaga agacatactg aaggcatgca 120
271 agcagatgca gatgataata ttcttgatta ctccgatgga atggaagaaa tatttggttc 180
272 cctcaattcc ctgaaacaag acatcgagca tatgaaattt ccaatgggta ctccagaccaa 240
273 tccagcccca acttgtaaag acctgcaact cagccatcct gacttcccag atggtgaata 300
274 ttggattgat cctaaccaag gttgctcagg agattccttc aaagtttact gtaatttcac 360
275 atctggtggt gagacttgca tttatccaga caaaaaatct gagggagtaa gaatttcac 420
276 atgg 424
278 <210> SEQ ID NO: 18
279 <211> LENGTH: 154
280 <212> TYPE: DNA
281 <213> ORGANISM: Homo sapien
283 <400> SEQUENCE: 18
284 gtcaccaact ccttcagcgc ctccacaggg stttcggaca tgacagcaac cttttctccc 60
285 aggacaattg aaatttgcta aagggaagg ggaaagaaag ggaaaggga gaaaaagaaa 120
286 cacaagagac ttaaaggaca ggaggaggag atgg 154

```

FI

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

## VERIFICATION SUMMARY

DATE: 09/14/2000

PATENT APPLICATION: US/09/651,563

TIME: 12:31:53

Input Set : A:\478c10.app

Output Set: N:\CRF3\09142000\I651563.raw

L:12 M:283 W: Missing Blank Line separator, <120> field identifier  
L:17 M:270 C: Current Application Number differs, Wrong Format  
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59  
L:956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:1242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92  
L:1428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92  
L:1466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94  
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114  
L:1884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124  
L:1885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124  
L:1988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130  
L:1989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130  
L:2003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131  
L:2038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133  
L:2039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133  
L:2057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134  
L:2079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135  
L:2117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137  
L:2170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140  
L:2194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142  
L:2217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184  
L:2878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184  
L:2880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184  
L:2949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188  
L:3057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195  
L:3258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206  
L:3299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208  
L:3323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209  
L:3532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/651,563

DATE: 09/14/2000

TIME: 12:31:53

Input Set : A:\478c10.app

Output Set: N:\CRF3\09142000\I651563.raw

L:3542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221  
L:3581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222  
L:3582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222